

02/13/02

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 870.00

**Complete if Known**

Application Number	
Filing Date	2/13/02
First Named Inventor	Norden E. Huang
Examiner Name	
Group Art Unit	
Attorney Docket No.	GSC 13,817-4

**METHOD OF PAYMENT**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number **14-0116**
- Deposit Account Name **NASA**
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☒ Applicant claims small entity status. See 37 CFR 1.27
2. ☐ **Payment Enclosed:**
- ☐ Check ☐ Credit card ☐ Money Order ☐ Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	740.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>(\$ 740.00)</b>

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
20	-20** =	X	0.00
3	-3** =	X	0.00
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$ )

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	130.00
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ 130.00**SUBMITTED BY**Name (Print/Type) **Chan K. Park**Registration No. **48,175**  
(Attorney/Agent)**Complete (if applicable)**Telephone **301-286-7351**Signature Date **2/12/02****WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Norden E. Huang

Serial No. :

Group:

Filed: Concurrently Herewith

Examiner:

For: **EMPIRICAL MODE DECOMPOSITION FOR ANALYZING  
ACOUSTICAL SIGNALS**

LETTER TO THE OFFICIAL DRAFTSPERSON  
AND PETITION UNDER 37 C.F.R. § 1.84 (a) (2)  
REQUESTING ACCEPTANCE OF COLOR DRAWINGS

February 13, 2002

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Attached hereto are three sets of twenty seven (27) sheet(s) of color drawings which comply with the provisions of 37 C.F.R. § 1.84 (a) (2). The color figures are Figs: 6(a), 6(b), 6(c), 29, 33, 38, 47(a), 47(b), 48(a), 48(b), 49(a), 49(b), 50, 51(a), 51(b), 52(a), 52(b), 53(a), 53(b), 54(a), 54(b), 58(a), 58(b), 59(b), 62(a), 62(b), and 62(c). The drawings should be made a part of the record of the above-identified application.

Applicant respectfully petitions under 37 C.F.R. § 1.84 (a) (2) and requests that the Patent Office accept the accompanying color drawings as the official drawings in the

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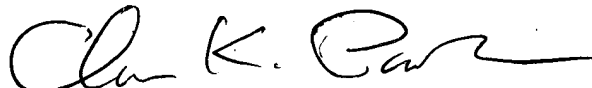
present application. Color drawings are necessary because they are the only practical medium by which to disclose the subject matter sought to be patented. One of the inventive aspects disclosed and claimed in the above-identified application is generating color screen displays (e.g. color Hilbert spectrum displays). Such color screen displays permit an operator, such as a research scientist, to fully analyze a range of properties in the processed signal. Because some valuable information would be lost if black and white screen displays are utilized, color screen displays (as represented by the color drawings submitted herewith) are necessary as the only practical medium by which to disclose the subject matter sought to be patented.

Page 1 of the specification contains the Color Drawing Notification.

Applicant has included the appropriate petition fee of \$130.00, under 37 C.F.R. § 1.17 (h) and the petition under 37 C.F.R. § 1.84 (a) (2).

Please charge any fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 14-0116.

Respectfully submitted,



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